L Number	Hits	Search Text	DB	Time stamp
2	3723	compress$ same (artifact$4 noise) same (image video)	USPAT; US-PGPUB; IBM_TDB	2004/02/12 15:20
3	519	compress$ near4 (artifact$4 noise) near4 (image video)	USPAT; US-PGPUB; IBM_TDB	2004/02/12 15:21
4	100	(compress$ near4 (artifact$4 noise) near4 (image video)) same filter$4	USPAT; US-PGPUB; IBM_TDB	2004/02/12 15:21
5	521388	((compress$ near4 (artifact$4 noise) near4 (image video)) same filter$4) ssame motion	USPAT; US-PGPUB; IBM_TDB	2004/02/12 15:21
6	9	((compress$ near4 (artifact$4 noise) near4 (image video)) same filter$4) same motion	USPAT; US-PGPUB; IBM_TDB	2004/02/12 15:29
7	21768	remov$4 near4 compress$4	USPAT; US-PGPUB; IBM_TDB	2004/02/12 15:30
8	590	(remov$4 near4 compress$4) near5 filter$4	USPAT; US-PGPUB; IBM_TDB	2004/02/12 15:30
9	3	((remov$4 near4 compress$4) near5 filter$4) near4 artifact$3	USPAT; US-PGPUB; IBM_TDB	2004/02/12 15:36
10	850	motion same filter$4 same decod$4	USPAT; US-PGPUB; IBM_TDB	2004/02/12 15:36
11	560	(motion same filter$4 same decod$4) same (imag$4 video)	USPAT; US-PGPUB; IBM_TDB	2004/02/12 15:37
12	75	((motion same filter$4 same decod$4) same (imag$4 video)) same artifact$3	USPAT; US-PGPUB; IBM_TDB	2004/02/12 15:37

L Number	Hits	Search Text	DB	Time stamp
2	3723	compress$ same (artifact$4 noise) same (image video)	USPAT; US-PGPUB; IBM_TDB	2004/02/12 15:20
3	519	compress$ near4 (artifact$4 noise) near4 (image video)	USPAT; US-PGPUB; IBM_TDB	2004/02/12 15:21
4	100	(compress$ near4 (artifact$4 noise) near4 (image video)) same filter$4	USPAT; US-PGPUB; IBM_TDB	2004/02/12 15:21
5	521388	((compress$ near4 (artifact$4 noise) near4 (image video)) same filter$4) ssame motion	USPAT; US-PGPUB; IBM_TDB	2004/02/12 15:21
6	9	((compress$ near4 (artifact$4 noise) near4 (image video)) same filter$4) same motion	USPAT; US-PGPUB; IBM_TDB	2004/02/12 15:29
7	21768	remov$4 near4 compress$4	USPAT; US-PGPUB; IBM_TDB	2004/02/12 15:30
8	590	(remov$4 near4 compress$4) near5 filter$4	USPAT; US-PGPUB; IBM_TDB	2004/02/12 15:30
9	3	((remov$4 near4 compress$4) near5 filter$4) near4 artifact$3	USPAT; US-PGPUB; IBM_TDB	2004/02/12 15:36
10	850	motion same filter$4 same decod$4	USPAT; US-PGPUB; IBM_TDB	2004/02/12 15:36
11	560	(motion same filter$4 same decod$4) same (imag$4 video)	USPAT; US-PGPUB; IBM_TDB	2004/02/12 15:37
12	75	((motion same filter$4 same decod$4) same (imag$4 video)) same artifact$3	USPAT; US-PGPUB; IBM_TDB	2004/02/12 15:37

6178205

DOCUMENT-IDENTIFIER: US 6178205 B1

TITLE: Video postfiltering with motion-compensated temporal filtering and/or spatial-adaptive filtering

---------- KWIC ---------

Detailed Description Text - DETX (3):

In accordance with an aspect of the invention, a **video** postfilter employs **motion** compensated temporal **filtering** and spatial adaptive **filtering** to improve **image** quality and remove coding **artifacts**. The temporal **filtering** uses **motion** vectors from multiple blocks to determine a reference value that is combined with the target pixel value being **filtered**. The reference value selected using multiple **motion** vectors better matches the target pixel value because the combination of **motion** vectors can better approximate **motion** of individual pixels than can a **motion** vector that indicates average **motion** of an entire block of pixel values. The spatial adaptive **filtering** uses the dynamic ranges of pixel values in blocks of different sizes to determine the visual context of the target pixel, and selects a **filter** for